(d) whether the Rosa Thermal Power Plant has started working;

(e) if not, the reasons for the same; and

(f) by when, it is likely to start?

THE MINISTER OF POWER (SHRI P M. SAYEED): (a) and (b) According to the Electricity Act, 2003, the requirement of according Techno-Economic Clearance (TEC) by Central Electricity Authority (CEA) has been dispensed with for thermal generation.

National Thermal Power Corporation being a Navratna Company does not require investment approval of the Government in respect of power projects being executed by them.

The following thermal power projects of the Neyveli Lignite Corporation were accorded investment approval by the Government as per details given below:

Sl. No.	Name of the Project/State	Capacity (MW)	Date of investment approval	Project Cost (Rs. Crore)
1.	Neyveli Thermal Power Station-II Expansion/ Tamil Nadu.	2x250	8th October, 2004	2030.78
2.	Barsingsar Power Project/Rajasthan	2x125	15th December, 2004	1114.18

(c) to (f) The commissioning time of the Rosa Power Project in Private Sector is estimated to be 40 months from the date of issuance of Letter of Award by the promoters, who are yet to achieve financial closure for their project.

Demand and Supply of Power in the country

†1656. SHRIMATI MAYA SINGH: Will the Minister of POWER be pleased to state:

(a) the details of the demand and supply of power in the country;

†Original notice of the question was received in Hindi.

(b) the steps being taken by Government to meet the increasing demand of power; and

(c) whether Government are contemplating to use other energy sources to meet the said demand?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) During the period April-December 04', the power supply position in the country was as under:—

Energy (MU net)		Peak (MW net)	
Requirement	439043	Peak Demand	87906
Availability	409101	Peak Met	77281
Shortage	29942	Deficit	10625
Shortage (%)	6.8	Deficit (%)	12.1

(b) Electricity being a concurrent subject, supply and distribution of electricity in a State is in the purview of the State Government/State Power Utility concerned. The Central Governemnt has a complementary role in adding generation capacity in the Central Sector through Central Public Sector Undertakings. The following steps are being taken to imrpove generation and availability of power in the country:

(i) A capacity addition of 41,110 MW has been targeted for Tenth Five Year Plan consisting of 22,832 MW in Central Sector, 11,157 in State Sector and 7,121 MW in Private Sector.

(ii) Early stabilization of newly commissioned units.

(iii) Creation of a robust National Grid for optimum utilization of generation capacity and inter-regional transmission of power.

(iv) To bring about reforms in distribution, Government of India has implemented the Accelerated Power Development and Reforms Programme (APDRP) for up-gradation of sub-transmission and distribution system in States as a major step towards reduction of aggregate transmission and commercial losses and attaining commercial viability of the power sector. Funds are being provided to States for undertaking schemes for sub-transmission and distribution systems under the APDRP.

(v) Demand side management energy efficiency and conservation measures.

(vi) Providing interest subsidy on loans by the Power Finance Corporation for renovation and modernization and life extension of old and inefficient generating units.

(vii) Exploitation of hydro potential at a faster pace.

(c) The National Electricity Policy finalized by the Government stipulates exploitation of feasible potential of non-conventional energy sources, mainly small hydro, wind and bio-mass to create additional power generation capacity.

According to Ministry of Non-Conventional Energy Sources, the potential for renewable power in the country from wind, solar, small hydro and biomass has been estimated at around 80,000 MW. Against this estimated potential, around 5500 MW grid interactive renewable power installed capacity has been set up as on 31.12.04. Further, the Ministry of Non-Conventional Energy Sources aims to deploy around 10 percent of the additional grid interactive power installed capacity from renewables during the Tenth and Eleventh Plan periods.

Setting up Power Projects in U.P.

†1657. PROF. M.M. AGARWAL: Will the Minister of POWER be pleased to state:

(a) the details of power projects which have been set up and are being implemented in Uttar Pradesh during the last three years;

(b) the amount of money arranged for this purpose during this period and details of targets fixed in this regard; and

(c) to what extent targets fixed have been achieved in this regard?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) to (c) The details of thermal power projects which have been set up and are being implemented in Uttar Pradesh during the last three years, alongwith their estimated cost, expenditure incurred till date and commissioning targets etc. are given below:—

†Original notice of the question was received in Hindi.